JJ Menya

Chapter 8 Exercises

8.6

a) p[0], p[1], [p2], [p3]

b) declaring

c) row, column

d) m, n, m n

e) d[ 3 ][ 5 ]

8.7

a) True

b) False. Memory allocation happens automatically when variable is instantiated or destroyed

c) False. This is the correct declaration int[] p = new int[100];

d) False. Numeric arrays are automatically initialized to 0

e) False. Any of the loops can be used. Eg. Nested do while statements or while statements.

8.8

a) char[] f = new char[100];

f[6] = 'S';

Console.WriteLine(f[6]);

b) int[] g = { 8, 8, 8, 8, 8};

c) float sum =0.0f ;

for(var i = 0; i <= 99; i++)

{

sum = sum + fl[i];

}

d)Using my sample data.

int[] a = new int[11];

a[0] = 1;

a[1] = 2;

a[10] = 3;

int[] b = new int[34];

for(var loop = 0; loop <a.Length; ++loop)

{

b[loop] = a[loop];

}

for(int i = 0; i < b.Length; i ++)

{

Console.WriteLine(b[i]);

}

e) Using my sample data.

float[] w = new float[99];

w[0] = 0;

w[1] = 20;

w[2] = 40;

w[3] = 60;

float small;

float high;

small = high = w[0];

for (var i = 1; i <= 98; i++)

{

if(w[i] < small)

{

small = w[i];

}

else if (w[i] > high)

{

high = w[i];

}

}

Console.WriteLine(small);

Console.WriteLine(high);